

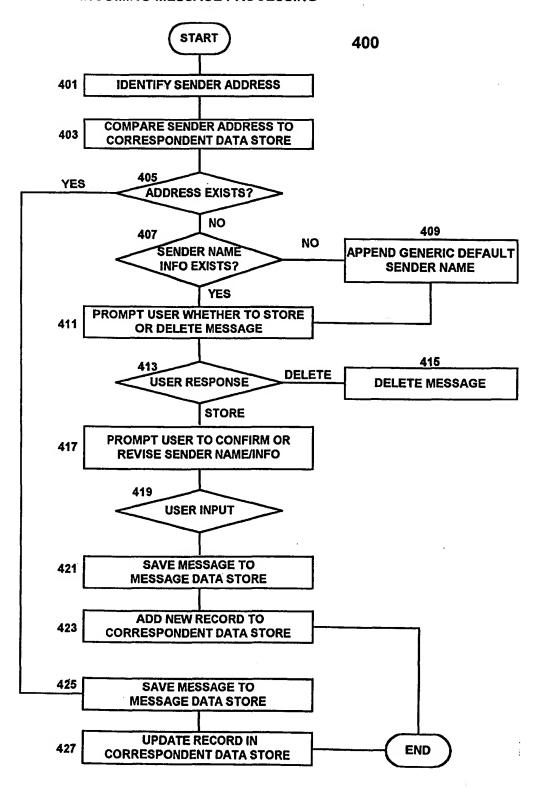
FIG. 3

# CORRESPONDENT TABLE (CORRESPONDENT DATA STORE)

115 (n) or 215

CORRESPONDENT	E-MAIL	LINKS TO MSGS. IN	# OF MESSAGES	LAST MESSAGE	DATE OF LAST
NAME	ADDRESS	MSG. DATABASE	IN DATABASE	TYPE (IN OR OUT)	CORRESPONDENCE
CORRESPONDENT 1	ADDRESS FOR CORR 1	MSG. ID'S FOR CORR. 1	R. 1 MSG. ID'S FOR CORR. 1 # OF MSG.'S TO & FROM CORR. 1 LAST MSG. STATUS, CORR. 1	LAST MSG. STATUS, CORR. 1	DATE FOR CORR. 1
CORRESPONDENT 2	ADDRESS FOR CORR. 2	MSG. ID'S FOR CORR. 2	MSG. ID'S FOR CORR. 2   # OF MSG.'S TO & FROM CORR.2   LAST MSG. STATUS, CORR. 2	LAST MSG. STATUS, CORR. 2	DATE FOR CORR. 2
•••	7	•••	***	• • •	•••
CORRESPONDENT n	ADDRESS FOR CORR. n	MSG. ID'S FOR CORR. n	R. n . MSG. ID'S FOR CORR. n # OF MSG.'S TO & FROM CORR. n LAST MSG. STATUS, CORR. n	LAST MSG. STATUS, CORR. n	DATE FOR CORR. n

FIG. 4
INCOMING MESSAGE PROCESSING



	NXC.net	Your Personal NXC-Mail	Stev	Steve Miller's	
	net exchange		Letson	rersondi inudiret	
501		Pending E-Mail			·
	From	Subject	Date 1	Time Delete	
<i>)</i>	1. Paul Smythe	Sheryl	12/28 9:35g	350	-
50°	2.   Randall Simpson	ISDN Problem	12/28 1:05p	05p	/
	3.   *?ksmith223@aol.com	970-555-5555 [Note-unrecognized sender]	12/29 7:35p	35p	
	4. *?Rich Mellor (rmellor@msn.com)	-[Note-unrecognized sender]	12/29 11:29p	1:29p 🗌	
	5. Susan Nichols	Interesting investment	12/30 10:35a	]:350	· —
505	-Delete Junk (Delete all a senders)	(Delete all above messages from unrecognized			

507	****	Contact List and Past Correspondence (find your contacts and past correspondences)
509	****	Change Your E-Mail Options (eliminate junk e-mail, change your default settings, set the time period your messages will be saved, etc.)

Back to Welcome Page

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## FIG. 5

### FIG. 6(a)

NXC.net	Mail — Paul Smythe	Steve Miller's Personal Intranet
net exchange		Personal intranet

To:	Steve Miller	4/7/97;9:35a.m.
CC's:	Melissa Smith, Jerry Sternfield	Later Save Delete
Subject:	Stock Recommendation (3)	

Steve - Thanks for the advice about that investment. It gained four points since you recommended it. Please let me know any other recommendations you have.

When can you and Jeanne meet us for dinner? - Paul

To: CC's: Subject:	Paul Smythe Melissa Smith, Jerry Sternfield Stock Recommendation (4)	
Response:	Dear Paul:	,
	Send	

### Past Correspondence with Paul Smythe

To:	You; Jeremy Johnson	Tuesday
CC's:	Melissa Smith, Jerry Sternfield	4/6/97-8:01a.
Subject:	Stock Recommendation (2)	Delete

Check out XYZ stock. I've been following the industry, and I think there's some potential. I've bought several thousand shares for my own portfolio. — Jim

To:	Paul Smythe	Tuesday
CC's:	Melissa Smith, Jerry Sternfield	4/5/97-8:45p.
Subject:	Stock Recommendation	Delete

Do you have any ideas about stock investments?

My wife just got some money to invest. I know you're an expert in technology stocks. Please let me know.

BTW, How's your son doing in school Paul

### Earlier Correspondence

<u>Sender</u>	<u>Subject</u>	<u>Date</u>	<u>Time</u>	Delete
Paul Smythe	Hi!(2)	12/19	10:45	

### FIG. 6(b)

You	Hi!	12/15   12:05p	]_
You	I Moved	12/13   10:05p	$\square$
Paul Smythe	(no subject)	12/10   11:01p	$\square$
You	Vacation	12/08   1:25p	

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Delete Erase Choices Steve Miller's Personal Intranet इडि 711 Your Contact List - Click to Read/Send 703 임희 .709 Send co: Confirm 707 Past Msgs. Contacts and Correspondence 705 Ħ ば 털 12/29 12/29 12/28 12/28 12/28 Search Last Msg. Edit Contact Information, Add New Contacts, or Change Your E—mail BJohnson@nyc.ny.nxc.com RamonaM@ix.netcom.com Allison@nyc.ny.nxc.com samuels@harvard.edu Smitty.ny.nyc.nxc.com Beth@nyc.ny.nxc.com snichols 195@aol.com Paul@ny.nyc.nxc.com E-mail Address Kim@slc.ut.nxc.com Ellen W@panix.com Ramona Nickname Jackie Search For: William Ally Beth Kim Jack Paul Sue net exchange NXC.net Samuels, Jacqueline Johnson, William S. Johnson, Dr. Kim Grange, Elizabeth Mitchell, Ramona Last, First Nichols, Susan Smith, John R. Austin, Allison Williams, Ellen Smythe, Paul Options 701

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FIG. 7

NXC.n t	Eliminate Junk-Mail	Steve Miller's Personal Intranet
net exchange		reisona intranet

This page lets you completely <u>eliminate junk mail</u>, by changing your e-mail address so that those who don't know your new address can no longer send you e-mail. However, since we keep track of all your e-mail contacts, we let you conveniently choose which contacts will have your new e-mail address.

For your continuing contacts who use NXC—mail provider, this change will be transparent—we make the adjustment to our database, and your contact needs take no action, and merely sends you e—mail as before.

For your contacts who don't use NXC-mail, we will send them a polite e-mail message from you (which you can <u>review and edit</u>), notifying them of your e-mail address change so they can update their e-mail software.

Instructions: After you press the "submit" button below, only the e-mail contacts checked below will have your new e-mail address. Click on a checkbox to uncheck any names whom you don't want to have your new NXC-mail address. To decide whether to uncheck a contact, you can click on the contact name to review your correspondence history with that contact. After you complete your choices, click on the "submit" button below

Last Name	1st Name	E-mail Address	Last Msg.	In/ Out	NXC Mail?	Inform ?
Austin	Allison	Allison.nyc.ny	12/26	In	Yes	X
Dougherty	Jim	jim4092@aol.com	12/23	Out	No	X
Grange	Beth	Beth.nyc.ny	11/27	ln	Yes	X
Hardy	Dave	DH.nyc.ny	11/3	In	Yes	X
Johnson	Kim	Kim.slc.ut	12/28	Out	Yes	$\square$
Johnson	<u>William S.</u>	BJohnson.nyc.ny	12/18	n	Yes	X
Mitchell	Ramona	RamonaM@ix.netcom.com	12/29	Out	No	$\square$
Nichols	Sue	snichols195@aol.com	12/28	Out	No	$\mathbf{X}$
Samuels	Jackie	jsamuels@harvard.edu	12/28	ln	No	
Smith	John R.	Smitty.ny.nyc	12/15	Out	Yes	X
Smythe	Paul	Paul.ny.nyc	12/29	Out	Yes	
Stempler	Randall	randall@stempler.com	12/27	In	No	$\square$
<u>Williams</u>	Ellen	EllenW@panix.com	12/05	In	No	

Submit Erase Choices

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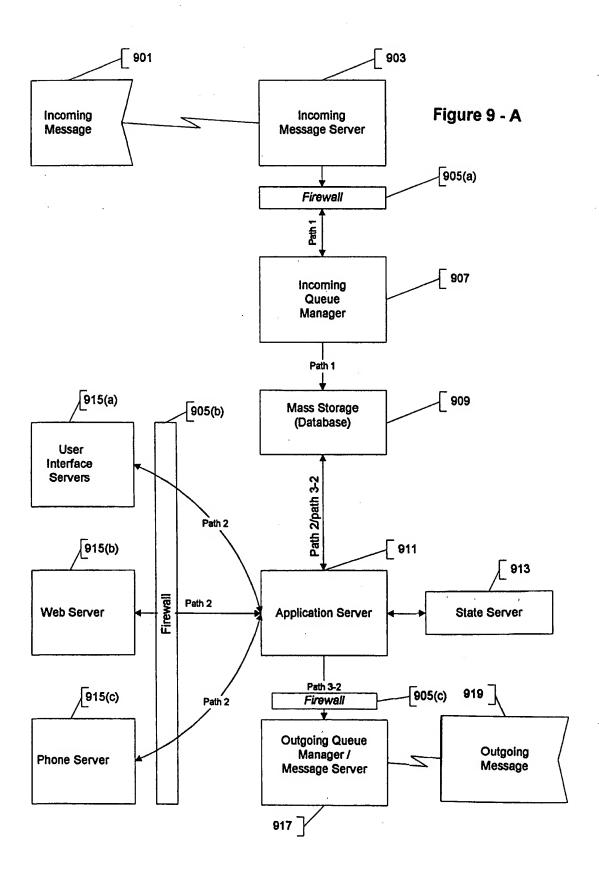


Figure 9 - B

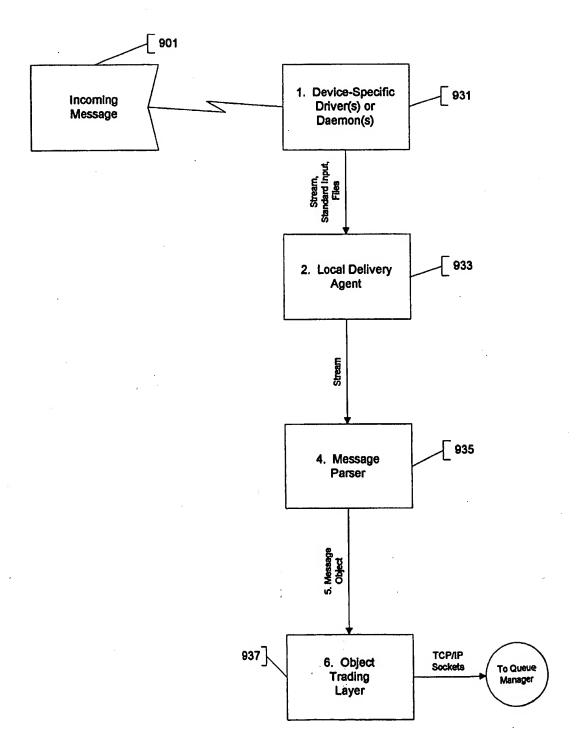
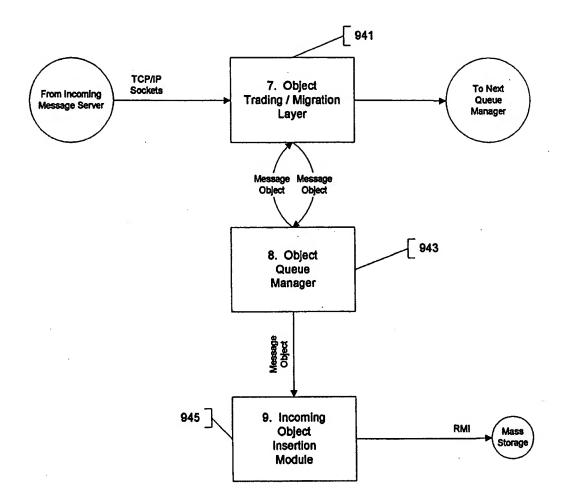
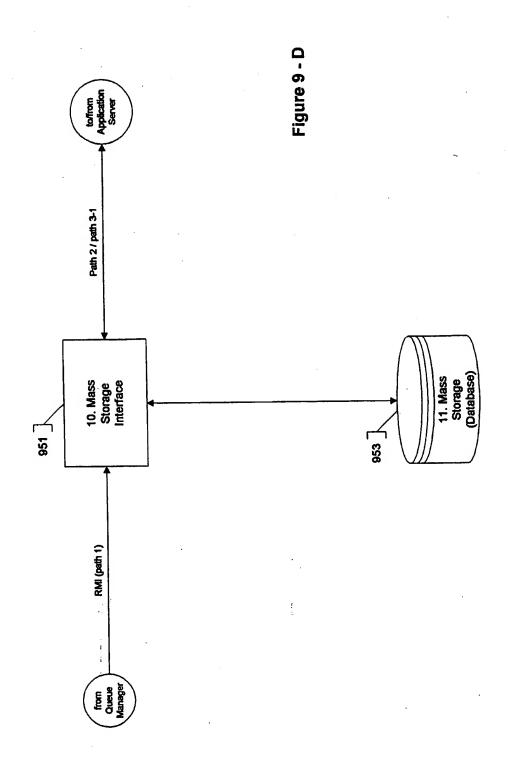


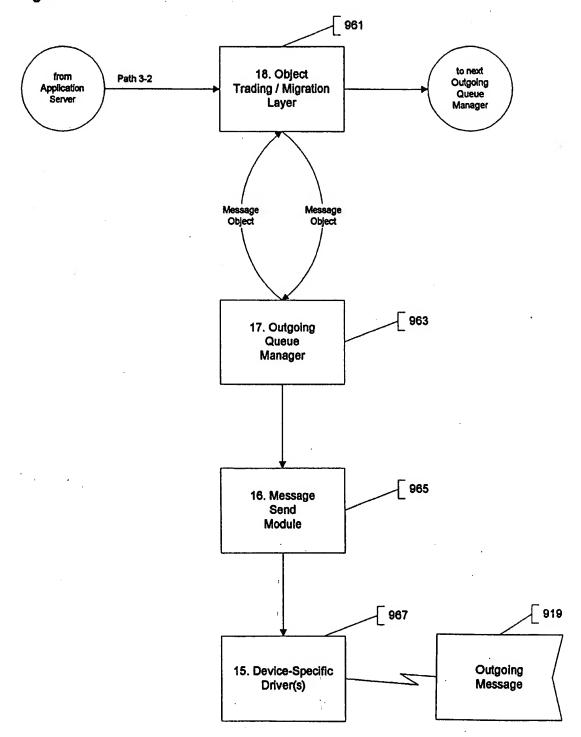
Figure 9 - C





 $f_{i,j}\lambda$ 

Figure 9 - E



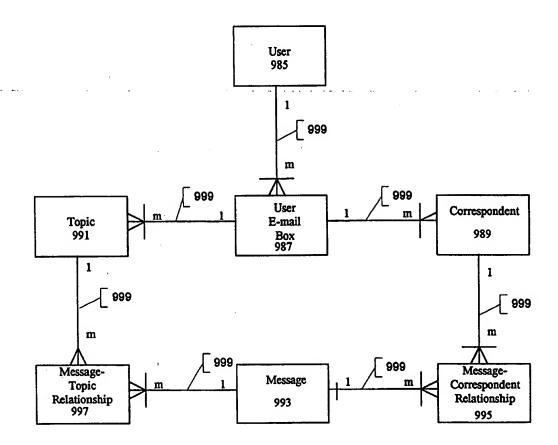


Figure 9 - F

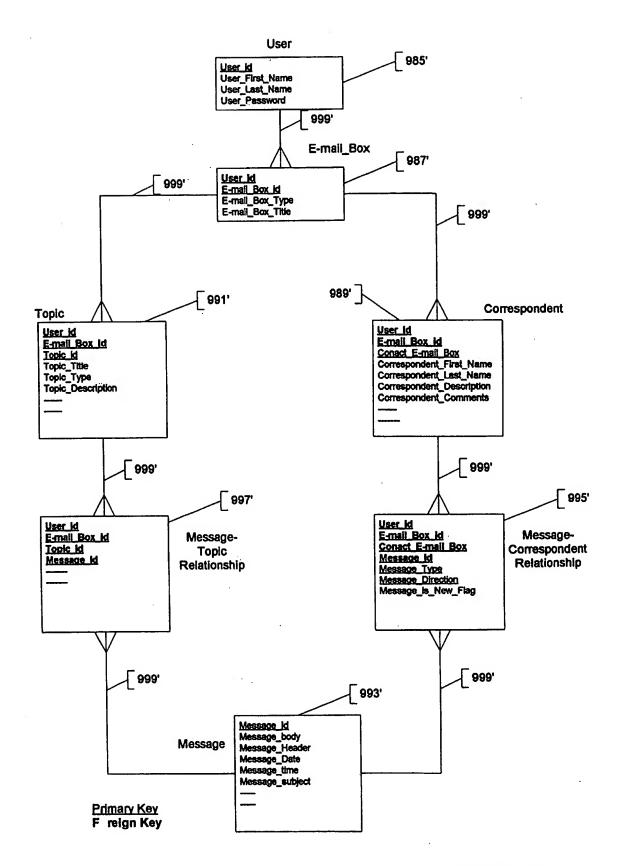
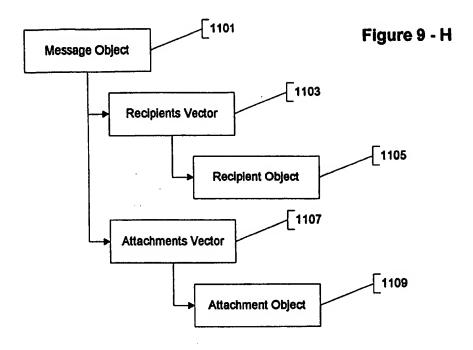
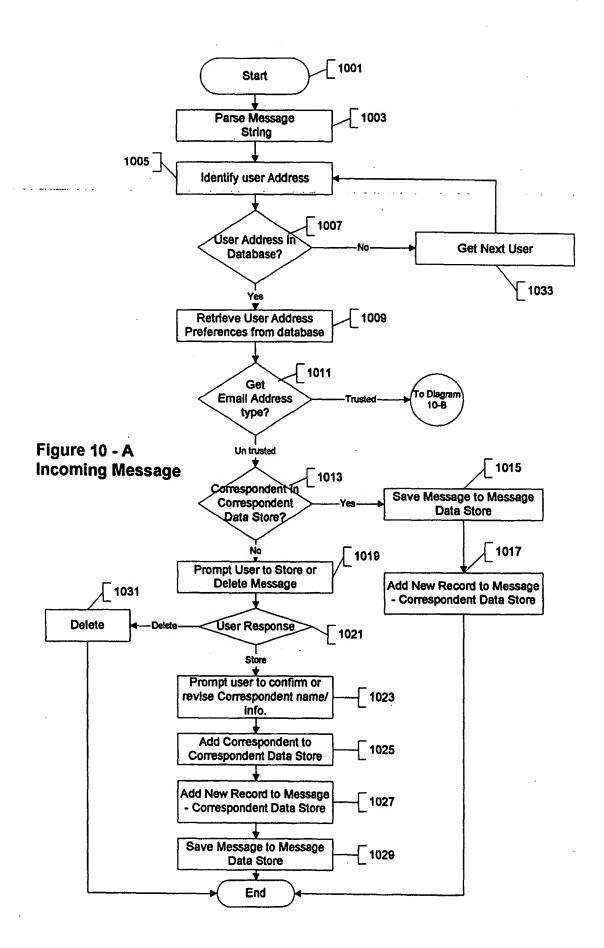
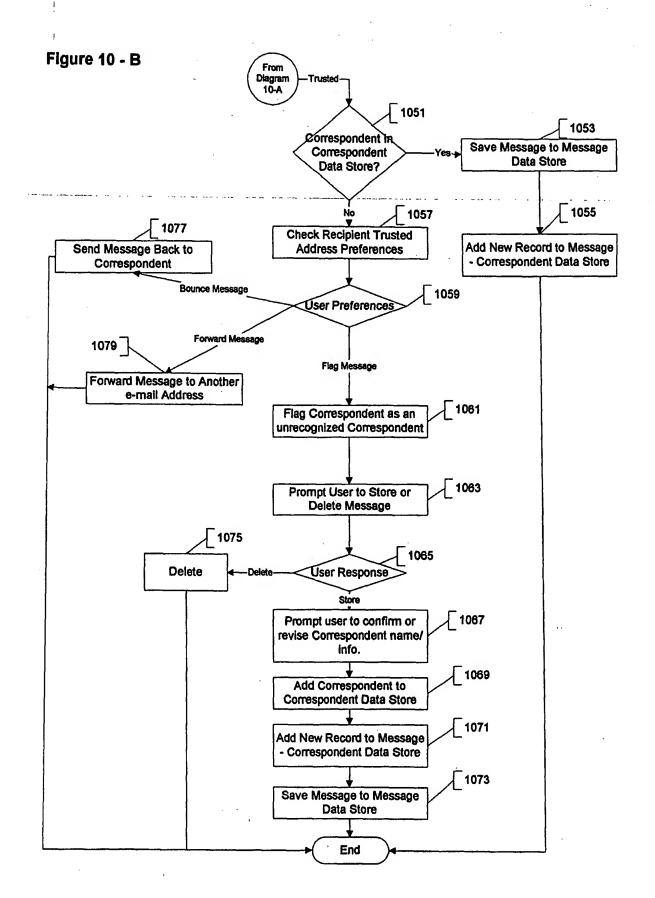


Figure 9 - G







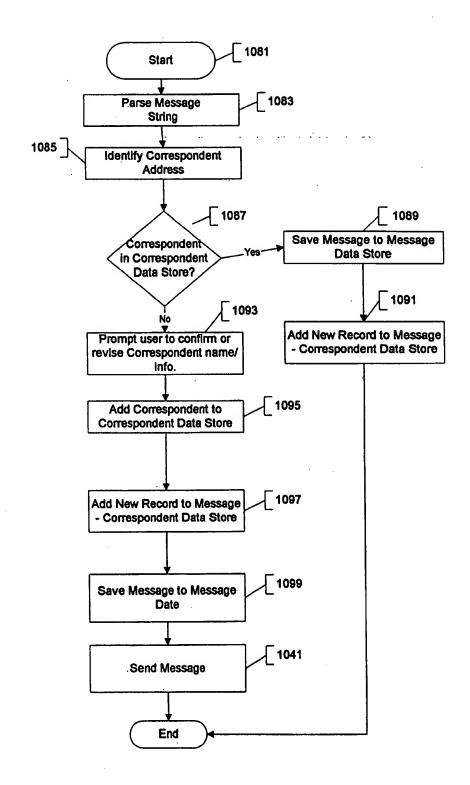


Figure 10 - C Outgoing Message

Count2 Count2 Message ID Count1 Count1 **{1205 {1207** Correspondent E- mail Address Correspondent E- mail Address Correspondent E- mail Address Topic ID Customer E- mail Address ID Customer E- mail Address Customer E- mail Address ID Customer E- mail Address ID Correspondent Information Request Correspondent History Request Topic Contents Request Message Request Figure 11 D Figure 11 C Figure 11 A Figure 11 B Customer ID Customer ID Customer ID Customer ID

Figure 12

Mail Summary	nmary	Joe Smith
Joe Smith's E-mail Addresses	Pending Mail	Correspondence Log
Trusted MailBox (JoeSmith@nxc.com	7 in, 3 new, 2 drafts	2,082 msgs, 113 contacts
Untrusted MailBox (JS@nxc.com)	4 in, 0 new, 1 draft	195 maga, 54 maga.
Suggestions (suggestions@domain.com)	34 in, 1 new, 1 draft	235 maga, 44 maga.
Tech. Support (support@domain.com)	4 in, 1 new, 1 draft	135 msgs, 24 msgs.

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